H-19
HH6

HICKOK

Obsolete Tube Types

SUPPLEMENTARY TEST DATA

for

MODELS 580 & 580A

TUBE TESTERS

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10514 DUPONT AVENUE • CLEVELAND, OHIO 44108

PHONE — 541-8060
TWX — CV 662

CABLE — HICKOK, CLEVELAND
WESTERN UNION — KJ

3200-160

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
0A4	OFF	0000-E080	---	J	A	VR	S4	70V	NOTES 1 & 2. 80 V. REG. = 10 VOLTS FROM 5 TO 25 MA. JUMPER A 100 K OHM RESISTOR FROM PIN 7 OF ANY SOCKET TO 'P'.
0Y4	OFF	GH00-E0AC	0.0	A	J	G	S2	4000	SET LOAD AT 27 READ ON 10000 SCALE
1A5	1.4	GBE0-CD00	4.5	E	E	A	S4	500	NOTE 3.
1A7	1.4	GB00-CDFE	0.0	F	C	A	S4	300	NOTE 3. PENTODE SECTION. CAP = G.
1A7	1.4	GBEC-FD00	0.0	F	B	A	S4	250	NOTE 3. OSC. SECTION. CAP = K.
1AC5	1.1	DEB0-GH00	3.0	D	D	A	S4	400	NOTE 3.
1AD5	1.1	DEB0-GH00	1.4	D	D	A	S4	250	NOTE 3.
1AE4	1.1	AGF0-BC00	1.0	E	E	A	S4	800	NOTE 3.
1AF4	1.4	AGF0-BC00	1.0	E	E	A	S4	950	NOTE 3.
1AF5	1.4	AGF0-ED00	1.0	E	E	A	S4	350	NOTE 3. PENTODE SECTION.
1AF5	1.4	AG00-C000	0.0	B	A	B	S1	4000	DIODE SECTION.
1AG5	1.1	DFE0-AB00	2.0	D	D	A	S4	150	NOTE 3. PENTODE SECTION.
1AG5	1.1	DF00-C000	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
1AJ5	1.1	DFE0-AB00	1.0	D	D	A	S4	250	NOTE 3. PENTODE SECTION.
1AJ5	1.1	DF00-C000	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
1AK5	1.1	DFE0-AB0C	1.0	D	D	A	S4	150	NOTE 3. PENTODE SECTION.
1AU3	1.1	GB00-0000	0.0	A	H	E	S2	10000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
1AX2	1.4	AB00-0000	0.0	A	G	E	S2	10000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
1B4	2.0	FA00-BC00	3.0	J	D	A	S4	400	NOTE 3. CAP = G.
1C3	1.4	AG00-B000	3.0	E	A	A	S4	450	NOTE 3.
1C5	1.4	GBE0-CD00	7.0	E	E	A	S4	950	NOTE 3.
1D5	2.0	GB00-CD00	3.0	J	D	A	S4	400	NOTE 3. CAP = G.
1DN5	1.4	AGF0-BC00	1.0	D	D	A	S4	450	NOTE 3. PENTODE SECTION.
1DN5	1.4	GA00-D000	0.0	B	A	B	S1	6200	DIODE SECTION.
1E3	1.1	DEA0-H000	3.5	H	A	B	S4	2200	NOTE 3.
1H5	1.4	GB00-C000	1.0	F	A	A	S4	200	NOTE 3. TRIODE SECTION. CAP = G.
1H5	1.4	GB00-E000	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
1H6	2.0	GBF0-C000	2.7	G	A	A	S4	300	NOTE 3. TRIODE SECTION.
1H6	2.0	GB00-ED00	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
1J3	1.1	GB00-0000	0.0	A	H	E	S2	10000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
1L4	1.4	AGF0-BC00	1.0	E	E	A	S4	600	NOTE 3.
1L6	1.4	GAF0-BECD	0.0	F	C	A	S4	400	NOTE 3 PENTODE SECTION. NOTE 4.
1L6	1.4	GAD8-CE0F	0.0	F	C	A	S4	350	NOTE 3 OSC. SECTION. NOTE 4.
1LA4	1.4	HAF0-BC00	4.5	E	E	A	S4	500	NOTE 3.
1LA6	1.4	HAF0-BECD	0.0	E	C	A	S4	400	NOTE 3 PENTODE SECTION. NOTE 4.
1LA6	1.4	HAD8-CE0F	0.0	F	C	A	S4	350	NOTE 3 OSC. SECTION. NOTE 4.
1LB4	1.4	HAF0-BC00	9.0	F	E	A	S4	550	NOTE 3.
1LC5	1.4	HAF0-BC00	0.0	F	D	A	S4	500	NOTES 3 & 4.
1LC6	1.4	HAF0-BECD	0.0	F	C	A	S4	450	NOTE 3 PENTODE SECTION. NOTE 4.
1LC6	1.4	HAD8-CE0F	0.0	F	C	A	S4	350	NOTE 3 OSC. SECTION. NOTE 4.
1LD5	1.4	HAF0-BC00	1.0	E	D	A	S4	250	NOTE 3. PENTODE SECTION.
1LD5	1.4	HA00-D000	0.0	B	A	B	S1	6200	DIODE SECTION.
1LE3	1.4	HAF0-B000	3.0	E	A	A	S4	450	NOTE 3.
1LF3	1.4	HAF0-B000	3.0	E	A	A	S4	450	NOTE 3.
1LG5	1.4	HAF0-BC00	1.5	E	E	A	S4	700	NOTES 3 & 4.
1LN5	1.4	AHF0-BC00	1.0	F	F	A	S4	500	NOTES 3 & 4.
1N5	1.4	GB00-CD00	1.0	F	F	A	S4	450	NOTE 3. CAP = G.
1Q5	1.4	GBE0-CD00	5.0	E	E	A	S4	1200	NOTE 3.
1Q6	1.1	DEB0-GH00	1.0	E	E	A	S4	350	NOTE 3. PENTODE SECTION.
1Q6	1.1	DE00-F000	0.0	B	A	B	S1	4000	DIODE SECTION.
1T4	1.4	AGF0-BC00	1.0	E	E	A	S4	550	NOTE 3.
1T6	1.1	DEC0-AHF0	1.0	E	E	A	S4	350	NOTE 3 PENTODE SECTION. NOTE 4.
1T6	1.1	DE00-F000	0.0	B	A	B	S1	6200	DIODE SECTION.
1U5	1.4	AGF0-BC00	1.0	E	E	A	S4	400	NOTE 3. PENTODE SECTION.
1U5	1.4	AG00-D000	0.0	B	A	B	S1	6200	DIODE SECTION.
1U6	1.4	GAF0-BECD	0.0	F	C	A	S4	400	NOTE 3 AMPL. SECTION. NOTE 4.
1U6	1.4	GAD8-CE0F	0.0	F	C	A	S4	350	NOTE 3 OSC. SECTION. NOTE 4.

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
1V	6.3	FAOO-BOCO	0.0	A	E	G	S2	5000	SET LOAD AT 11. READ ON 10000 SCALE.
1V5	1.1	DEBO-GHOO	3.0	D	D	A	S4	350	NOTE 3.
1V6	1.1	DGCO-ABEF	0.0	D	D	A	S4	550	NOTE 3 PENTODE SECTION. NOTE 4.
1V6	1.1	DGEB-FOCA	3.0	D	A	A	S4	200	NOTE 3 TRIODE SECTION. NOTE 4.
1W4	1.4	AGFO-BCOO	9.0	E	E	A	S4	550	NOTE 3.
1Z2	1.4	ABOO-OOOO	0.0	A	D	E	S2	16000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
2A3	2.5	FACO-BOOO	45.0	L	A	B	S4	3300	NOTE 3.
2B3	1.4	GBOO-OOOO	0.0	A	E	E	S2	10000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
2B7	2.5	GAOO-BCFO	3.0	L	F	A	S4	600	PENTODE SECTION. CAP = G.
2B7	2.5	GAOO-EDFO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
2B23	6.3	GBOO-COHO	0.0	A	L	F	S2	500	SET LOAD AT 20# PLACE A 5.1 K, 1 W RESISTOR ACROSS THE SELF BIAS JACK READ ON 3000 SCALE.
2C50	12.6	GHDA-EBFC	11.0	K	A	B	S4	1800	NOTE 5. DUAL TRIODE.
2C52	12.6	GHDA-EBFC	2.0	L	A	A	S4	1200	NOTE 5. DUAL TRIODE.
2DZ4	2.5	CDBO-AOEO	3.4	F	A	B	S4	4100	
2E22	6.3	FACO-OBDE	5.0	J	J	B	S4	2500	NOTE 3 CAP = P. NOTE 4.
2E24	6.3	GBEO-OCFO	8.0	L	H	B	S4	3300	NOTE 3. SHORT ON 1&2. CAP = P.
2E25	6.3	GBEO-ODOH	5.0	H	H	B	S4	2000	NOTE 3 CAP = P. NOTE 4.
2E26	6.3	GBEO-OCAH	13.5	H	H	B	S4	2500	CAP = P.
2E30	6.3	DCAO-EFOB	20.0	L	L	B	S4	2300	NOTES 3 & 4.
2E31	1.1	ECDO-ABOO	1.0	C	C	A	S4	300	NOTE 3.
2E32	1.1	ECDO-ABOO	1.0	C	C	A	S4	300	NOTE 3.
2E35	1.1	ECDO-ABOO	1.3	D	D	A	S4	300	NOTE 3.
2E36	1.1	ECDO-ABOO	1.3	D	D	A	S4	300	NOTE 3.
2E41	1.1	DFEO-ABOO	1.0	C	C	A	S4	200	NOTE 3. PENTODE SECTION.
2E41	1.1	DFOO-COOO	0.0	B	A	B	S1	4000	DIODE SECTION.
2E42	1.1	DFEO-ABOO	1.0	C	C	A	S4	200	NOTE 3. PENTODE SECTION.
2E42	1.1	DFOO-COOO	0.0	B	A	B	S1	4000	DIODE SECTION.
2V2	2.5	GBOO-OOOO	0.0	A	H	E	S2	20000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
2X2A	2.5	FAOO-OOOO	0.0	A	D	E	S2	22000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
3A4	2.5	AGDO-FCOO	8.4	H	E	A	S4	1200	NOTE 3.
3A5	3.0	AGEO-FOOO	2.5	E	A	A	S4	1100	NOTE 3. TRIODE NO. 1.
3A5	3.0	GACO-BOOO	2.5	E	A	A	S4	1100	NOTE 3. TRIODE NO. 2.
3C2	3.0	GBOO-OOOO	0.0	A	D	E	S2	16000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
3CF6	3.0	DCAO-EFBG	1.0	G	G	B	S4	4500	
3D6	2.5	HAFO-BCOO	4.5	J	E	A	S4	1500	NOTE 3.
3E5	2.5	AGFO-BCEO	7.0	E	E	A	S4	900	NOTE 3.
3E6	3.0	HAFO-BCOO	1.0	E	E	A	S4	1050	NOTES 3 & 4.
3ES5	3.0	CDBO-EOAO	1.0	K	A	C	S4	5500	
3FQ5	3.0	DCBO-EOGO	1.3	H	A	C	S4	7500	
3FQ5A	3.0	DCBO-EOGO	1.3	H	A	C	S4	8000	
3GS8	3.0	DEGO-HBAJ	1.0	F	E	A	S4	750	PENTODE NO. 1.
3GS8	3.0	DEGO-CBAF	1.0	F	E	A	S4	750	PENTODE NO. 2.
3GU5	3.0	DCAO-EFBO	1.0	H	H	C	S4	6800	
3HM6	3.0	DEBO-GHCJ	1.0	G	G	C	S4	9500	
3HS8	3.0	DEGO-HBAJ	1.0	G	E	A	S4	700	PENTODE NO. 1.
3HS8	3.0	DEGO-CBAF	1.0	G	E	A	S4	700	PENTODE NO. 2.
3HT6	3.0	DEBO-GHCJ	1.0	G	G	C	S4	8500	
3LE4	2.5	HAFO-BCOO	9.0	E	E	A	S4	1000	NOTE 3.
3LF4	2.5	HAFO-BCOO	6.6	F	F	A	S4	1350	NOTE 3.
3Q4	3.0	GACO-FOOO	4.5	E	E	A	S4	1250	NOTE 3.
3Q5	2.5	GBEO-CDOO	6.6	F	F	A	S4	1250	NOTE 3.
3S4	2.5	GACO-BOOO	2.7	E	D	A	S4	500	NOTE 3.
4A6	3.0	GBEO-FOOO	1.5	E	A	A	S4	550	NOTE 3. TRIODE NO. 1.
4A6	3.0	HGDO-COOO	1.5	E	A	A	S4	550	NOTE 3. TRIODE NO. 2.
4BA6	4.3	DCAO-EFGB	1.0	L	F	B	S4	2500	

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
4BE6	4.3	CDGO-EFBA	2.0	L	C	A	S4	300	AMPL. SECTION.
4BE6	4.3	CDAO-FEBG	0.0	F	F	B	S4	4500	OSC. SECTION.
4BX8	4.3	DEGB-FAHC	1.4	E	A	B	S4	4200	NOTE 5. DUAL TRIODE.
4BZ8	4.3	DEGB-FAHC	1.0	G	A	C	S4	5000	NOTE 5. DUAL TRIODE.
4CE5	4.3	DCAO-EFGO	1.0	G	G	B	S4	4800	
4GW5	4.3	DCBO-AOEO	1.1	H	A	C	S4	10500	
5AS4	5.0	HBOO-FDOO	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE SET LOAD AT 20 READ ON 10000 SCALE.
5AW4	5.0	HBOO-FDOO	0.0	A	E	G	S2	2500	NOTE 5. DUAL DIODE SET LOAD AT 30 READ ON 10,000 SCALE.
5AZ4	5.0	HBOO-FDOO	0.0	A	G	G	S2	2500	NOTE 5. DUAL DIODE SET LOAD AT 45 READ ON 10000 SCALE.
5BS8	5.0	DEGB-FAHC	2.2	H	A	B	S4	4500	NOTE 5. DUAL TRIODE.
5BZ7	5.0	DEGB-FAHC	2.2	H	A	B	S4	4300	NOTE 5. DUAL TRIODE.
5CM6	5.0	DEFO-JAGO	12.5	L	L	B	S4	2600	
5CR8	5.0	DEBO-FGCH	1.0	H	H	B	S4	4800	PENTODE SECTION.
5CR8	5.0	DEJO-AOHO	2.0	G	A	H	S4	2500	TRIODE SECTION.
5CU4	5.0	HBOO-FDAO	0.0	A	E	G	S2	5500	NOTE 5. DUAL DIODE SET LOAD AT 12 READ ON 10000 SCALE.
5EH8	5.0	DEGO-JHFO	1.0	G	G	B	S4	3800	PENTODE SECTION.
5EH8	5.0	DEBO-COAO	1.0	G	A	B	S4	4700	TRIODE SECTION.
5T4	5.0	HBOO-FDOO	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE SET LOAD AT 20 READ ON 10000 SCALE.
5W4	5.0	HBOO-FDOO	0.0	A	E	F	S2	2100	NOTE 5. DUAL DIODE SET LOAD AT 27 READ ON 3000 SCALE.
5X4	5.0	GHOO-ECOO	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE SET LOAD AT 20 READ ON 10000 SCALE.
5Y4	5.0	GHOO-ECOO	0.0	A	G	G	S2	2500	NOTE 5. DUAL DIODE SET LOAD AT 45 READ ON 10000 SCALE.
5Z3	5.0	FAOO-CBOO	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE SET LOAD AT 20 READ ON 10000 SCALE.
5Z4	5.0	HBOO-FDOO	0.0	A	D	G	S2	2700	NOTE 5. DUAL DIODE SET LOAD AT 13 READ ON 10000 SCALE.
6A3	6.3	FACO-BOOO	45.0	L	A	B	S4	3300	NOTE 3.
6A5	6.3	GBEO-COOO	45.0	L	A	B	S4	3300	
6A6	6.3	GAEC-FBDO	2.0	H	A	A	S4	1200	NOTE 5. DUAL TRIODE.
6A7	6.3	GAOO-BCFE	1.5	F	D	A	S4	900	PENTODE SECTION. CAP = G.
6A7	6.3	GAEB-DCFO	1.0	F	D	A	S4	750	OSC. SECTION. CAP = K.
6A8	6.3	GBOO-CDHE	1.5	F	D	A	S4	900	PENTODE SECTION. CAP = G.
6A8	6.3	GBEC-FDHO	1.0	F	D	A	S4	750	OSC. SECTION. CAP = K.
6AB7	6.3	GBDO-HFEC	3.0	M	K	B	S4	3100	
6AB8	6.3	DEJO-FHCG	6.7	J	J	H	S4	2100	PENTODE SECTION.
6AB8	6.3	DEBO-AOCO	2.0	F	A	A	S4	850	TRIODE SECTION.
6AD4	6.3	CFAO-HOEO	1.1	F	A	A	S4	1250	
6AD7	6.3	GBEO-CDHF	16.5	L	L	B	S4	1500	PENTODE SECTION.
6AD7	6.3	GBAO-FOHC	25.0	L	A	A	S4	200	TRIODE SECTION.
6AF6	6.3	GBDO-ECHO	0.0	G	E	D	S4	----	EYE 1 OPEN. EYE 2 CLOSED.
6AF6	6.3	GBCO-EDHO	0.0	G	E	D	S4	----	EYE 1 CLOSED. EYE 2 OPEN.
6AH4	6.3	GBAO-EOHO	23.0	L	A	B	S4	2800	
6AH6	6.3	DCAO-EFGB	2.0	M	H	C	S4	5600	
6AH7	6.3	GHEA-FCDB	6.5	J	A	A	S4	1200	NOTE 5. DUAL TRIODE.
6AJ4	6.3	HGJO-EOBO	1.1	G	A	C	S4	6300	
6AJ5	6.3	DCAO-EFGO	1.0	C	C	B	S4	1500	
6AK4	6.3	CFAO-HOEG	6.5	K	A	B	S4	2400	
6AL7	6.3	GBFO-CEHA	---	M	A	G	S4	----	BIAS CONTROLS UPPER LEFT PATTERN. BIAS = VARY.
6AL7	6.3	GBEO-COHA	---	M	A	G	S4	----	BIAS CONTROLS BOTH LOWER PATTERNS. BIAS = VARY.
6AL7	6.3	GBDO-CEHA	---	M	A	G	S4	----	BIAS CONTROLS UPPER RIGHT PATTERN. BIAS = VARY.
6AM4	6.3	HGJO-EOBO	1.0	K	A	C	S4	6200	
6AN6	6.3	GAOO-EDFO	0.0	A	E	F	S2	1300	NOTE 5. DUAL DIODE SET LOAD AT 67 READ ON 3000 SCALE.
6AN6	6.3	GAOO-CBFO	0.0	A	E	F	S2	1300	NOTE 5. DUAL DIODE SET LOAD AT 67 READ ON 3000 SCALE.

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6AQ6	6.3	DCAO-GOBO	3.0	L	A	A	S4	750	TRIODE SECTION.
6AQ6	6.3	DCOO-FEBO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE READ 0-10000 SCALE.
6AQ7	6.3	GHDO-EOFO	2.0	L	A	A	S4	1000	TRIODE SECTION.
6AQ7	6.3	GHOO-CABO	0.0	C	A	C	S1	13500	NOTE 5. DUAL DIODE.
6AR5	6.3	DCAO-EFBO	18.0	L	L	A	S4	1450	
6AR6	6.3	HFGO-CEAO	22.5	L	L	B	S4	3400	
6AR8	6.3	DEFO-JCGB	0.0	L	L	H	S4	2500	NOTE 3. PLATE NO. 1. PLACE A 220 OHM RESISTOR ACROSS THE SELF BIAS JACK. JUMPER FROM PIN NO. 1 OF ANY SOCKET TO 'K'.
6AR8	6.3	DEFO-HCGB	0.0	L	L	H	S4	2500	NOTE 3. PLATE NO. 2. PLACE A 220 OHM RESISTOR ACROSS THE SELF BIAS JACK. JUMPER FROM PIN NO. 1 OF ANY SOCKET TO 'K'.
6AS5	6.3	DCEO-GFAO	8.5	H	F	B	S4	3500	
6AU7	6.3	DEGB-FAHC	8.5	L	A	B	S4	1400	NOTE 5. DUAL TRIODE.
6AV5	6.3	GBAO-EHCO	22.5	L	H	B	S4	3700	
6AX7	6.3	DEGB-FAHC	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
6AX8	6.3	DEBO-FCGO	1.6	L	F	B	S4	3000	PENTODE SECTION.
6AX8	6.3	DEJO-AOHO	1.0	H	A	C	S4	5300	TRIODE SECTION.
6AZ5	6.3	CFOO-HAGB	0.0	A	D	F	S2	1000	NOTE 5. DUAL DIODE SET LOAD AT 38 READ ON 3000 SCALE.
6AZ6	6.3	CFOO-BGDE	0.0	A	C	F	S2	500	NOTE 5. DUAL DIODE SET LOAD AT 29 READ ON 3000 SCALE.
6B4	6.3	GBEO-COOO	45.0	L	A	B	S4	3300	NOTE 3.
6B7	6.3	GAOO-BCFO	3.0	L	G	A	S4	700	PENTODE SECTION. CAP = G.
6B7	6.3	GAOO-EDFO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE READ 0-10000 SCALE.
6BD5	6.3	GBAO-EHCO	12.0	K	K	B	S4	3100	
6BD6	6.3	DCAO-EFGB	3.0	L	F	A	S4	1250	
6BE7	6.3	EDGO-FAHJ	1.0	L	C	A	S4	500	AMPL. SECTION JUMPER FROM PIN NO. 2 OF ANY SOCKET TO 'K'.
6BE7	6.3	EDGJ-AFHB	5.0	F	C	A	S4	1050	OSC. SECTION.
6BE8	6.3	DEJO-FGHC	1.0	L	G	B	S4	3200	PENTODE SECTION.
6BE8	6.3	DEAO-BOCO	1.0	H	A	C	S4	5000	TRIODE SECTION.
6BF5	6.3	DCGO-EFBO	7.5	G	F	B	S4	4700	
6BF6	6.3	DCAO-GOBO	9.0	L	A	A	S4	1200	TRIODE SECTION.
6BF6	6.3	DCOO-FEBO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE READ 0-10000 SCALE.
6BF7	6.3	FCGB-HAED	1.0	F	A	B	S4	3000	NOTE 5. DUAL TRIODE.
6BF8	6.3	DEOO-JHFO	0.0	A	A	F	S2	900	NOTE 5. DUAL DIODE SET LOAD AT 53 READ ON 3000 SCALE.
6BF8	6.3	DEOO-GCFO	0.0	A	A	F	S2	900	NOTE 5. DUAL DIODE SET LOAD AT 53 READ ON 3000 SCALE.
6BF8	6.3	DEOO-BAFO	0.0	A	A	F	S2	900	NOTE 5. DUAL DIODE SET LOAD AT 53 READ ON 3000 SCALE.
6BG6	6.3	GBEO-OHCO	15.0	L	L	B	S4	3800	CAP = P.
6BG7	6.3	FCGB-HAED	1.0	F	A	B	S4	3000	NOTE 5. DUAL TRIODE.
6BJ6	6.3	DCAO-EFBG	1.0	L	F	B	S4	2300	
6BK5	6.3	DECO-AHFO	5.0	L	L	C	S4	5000	
6BK6	6.3	DCAO-GOBE	2.0	L	A	A	S4	1000	TRIODE SECTION.
6BK6	6.3	DCOO-FEBG	0.0	C	A	C	S1	10000	NOTE 5. DUAL DIODE READ 0-30000 SCALE.
6BL4	6.3	GHOO-EOCO	0.0	A	D	G	S2	3100	SET LOAD AT 14 READ ON 10000 SCALE
6BS8	6.3	DEGB-FAHC	2.2	H	A	B	S4	4500	NOTE 5. DUAL TRIODE.
6BT6	6.3	DCAO-GOBO	3.0	L	A	A	S4	750	TRIODE SECTION.
6BT6	6.3	DCOO-FEBO	0.0	C	A	C	S1	10000	NOTE 5. DUAL DIODE READ 0-30000 SCALE.
6BT8	6.3	DEHO-FGJO	2.2	K	H	B	S4	3900	PENTODE SECTION.
6BT8	6.3	DEOO-ABCO	0.0	A	C	F	S2	500	NOTE 5. DUAL DIODE SET LOAD AT 12 READ ON 3000 SCALE.
6BU6	6.3	DCAO-GOBO	9.0	L	A	A	S4	1200	TRIODE SECTION.
6BU6	6.3	DCOO-FEBO	0.0	C	A	C	S1	10000	NOTE 5. DUAL DIODE READ 0-30000 SCALE.
6BV8	6.3	DEBO-COAO	3.6	K	A	B	S4	3500	TRIODE SECTION.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS — SEE BACK COVER
6BV8	6.3	DE00-JFGH	0.0	A	D	G	S2	3300	NOTE 5. DUAL DIODE SET LOAD AT 10 READ ON 10000 SCALE.
6BW4	6.3	DE00-GAJO	0.0	A	H	G	S2	3000	NOTE 5. DUAL DIODE SET LOAD AT 67 READ ON 10000 SCALE.
6BX6	6.3	DEB0-GHAJ	2.0	J	J	B	S4	4500	
6BX7	6.3	GHDA-EBFC	16.0	L	A	B	S4	4800	NOTE 5. DUAL TRIODE.
6BX8	6.3	DEGB-FAHC	1.4	E	A	B	S4	4200	NOTE 5. DUAL TRIODE.
6BY5	6.3	GB00-DEHA	0.0	A	E	G	S2	4900	NOTE 5. DUAL DIODE SET LOAD AT 11 READ ON 10000 SCALE.
6BZ8	6.3	DEGB-FAHC	1.0	G	A	C	S4	5000	NOTE 5. DUAL TRIODE.
6C5	6.3	GBE0-C0H0	8.0	L	A	A	S4	1250	
6C6	6.3	FA00-8CED	3.0	L	F	A	S4	750	CAP = G.
6CF6	6.3	DCA0-EFBG	1.0	G	G	B	S4	4800	
6CH7	6.3	DEGB-FAHC	2.2	H	A	B	S4	4300	NOTE 5. DUAL TRIODE.
6CH8	6.3	DEG0-8CF0	2.2	K	H	B	S4	3900	PENTODE SECTION.
6CH8	6.3	DEH0-J0A0	6.0	K	A	B	S4	2100	TRIODE SECTION.
6CJ6	6.3	DEB0-0GCA	38.5	L	L	B	S4	3900	CAP = P.
6CK4	6.3	GBC0-E0H0	28.0	L	A	B	S4	3500	
6CK6	6.3	DEB0-GACF	5.5	L	L	C	S4	6300	
6CM8	6.3	DEB0-FGC0	2.2	K	H	B	S4	3900	PENTODE SECTION.
6CM8	6.3	DEJ0-A0H0	2.0	L	A	A	S4	1250	TRIODE SECTION
6CR6	6.3	DCG0-EFA8	2.0	L	F	A	S4	1400	PENTODE SECTION.
6CR6	6.3	DC00-80A0	0.0	B	A	B	S1	5000	DIODE SECTION READ 0-10000 SCALE.
6CR8	6.3	DEB0-FGCH	1.0	H	H	B	S4	4800	PENTODE SECTION.
6CR8	6.3	DEJ0-A0H0	2.0	G	A	B	S4	2500	TRIODE SECTION.
6CU6	6.3	GBE0-0DH0	22.5	L	H	B	S4	3700	CAP = P.
6D4	6.3	DCA0-G0E0	---	A	D	F	S2	1600	NOTE 6. SET LOAD AT 17 FIRES ABOUT 7V. READ ON 3000 SCALE.
6D6	6.3	FA00-8CED	3.0	L	F	A	S4	1000	CAP = G.
6DA6	6.3	DEB0-GHCJ	2.0	L	F	B	S4	2300	
6DA7	6.3	DEG0-F0H0	8.0	L	A	B	S4	1600	TRIODE NO. 1.
6DA7	6.3	DEC0-A0J0	17.5	H	A	B	S4	3600	TRIODE NO. 2.
6DB6	6.3	DCA0-EFBG	1.5	H	H	B	S4	2400	
6DN6	6.3	GBE0-0HC0	18.0	G	G	C	S4	5500	CAP = P.
6DW5	6.3	DEC0-JAG0	22.5	K	H	B	S4	3500	
6DX4	6.3	DCF0-G0E0	---	E	A	C	S4	7000	BIAS = 150 OHMS.
6E5	6.3	FAC0-0DE0	0.0	L	L	G	S4	----	SHADOW ANGLE =90 DEGREE CONNECT A 1 M OHM RESISTOR FROM 'P' TO PIN 2 OF ANY SOCKET.
6E5	6.3	FAC0-0DE0	8.0	L	L	G	S4	----	SHADOW ANGLE = 0 DEGREE CONNECT A 1M OHM RESISTOR FROM 'P' TO PIN 2 OF ANY SOCKET.
6F4	6.3	FA80-C0G0	1.4	E	A	B	S4	3600	
6F5	6.3	GB00-D0HA	2.0	L	A	A	S4	950	CAP = G.
6F6	6.3	GBE0-CDHA	16.5	L	L	B	S4	1550	
6F7	6.3	GA00-8CFE	3.0	L	F	A	S4	700	PENTODE SECTION. CAP = G.
6F7	6.3	GAE0-D0FC	3.0	F	A	A	S4	300	TRIODE SECTION.
6F8	6.3	GB0E-CFDH	8.0	L	A	B	S4	1650	NOTE 5. DUAL TRIODE. CAP = G.
6FH6	6.3	GBE0-0DH0	22.5	L	H	B	S4	3500	CAP = P.
6FR7	6.3	DEG0-F0H0	3.0	L	A	A	S4	1000	TRIODE NO. 1.
6FR7	6.3	DEC0-A0J0	20.0	H	A	B	S4	4500	TRIODE NO. 2.
6FW8	6.3	DEGB-FAHC	1.2	F	A	C	S4	8000	NOTE 5. DUAL TRIODE.
6G6	6.3	GBE0-CDH0	9.0	J	J	A	S4	1450	
6GC6	6.3	GBE0-0HC0	22.5	L	H	B	S4	4100	CAP = P.
6GD7	6.3	DEJ0-FGH0	1.1	J	H	C	S4	7500	PENTODE SECTION.
6GD7	6.3	DEA0-B0C0	1.0	G	A	C	S4	6000	TRIODE SECTION.
6GS8	6.3	DEG0-H8AJ	1.0	F	E	A	S4	750	PENTODE NO. 1.
6GS8	6.3	DEG0-CBAF	1.0	F	E	A	S4	750	PENTODE NO. 2.
6GW5	6.3	DC80-A0E0	1.1	H	A	C	S4	10500	
6H5	6.3	FAE0-00C0	0.0	L	L	G	S4	----	SHADOW ANGLE =90 DEGREE CONNECT A 1M OHM RESISTOR FROM PIN 2 OF ANY SOCKET TO 'P'.
6H5	6.3	FAE0-08C0	30.0	L	L	G	S4	----	SHADOW ANGLE = 0 DEGREE CONNECT A 1M OHM RESISTOR FROM PIN 2 OF ANY SOCKET TO 'P'.

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6H6	6.3	GBOO-ECHO	0.0	A	B	E	S2	4200	NOTE 5. DUAL DIODE SET LOAD AT 22 READ ON 10000 SCALE.
6J5	6.3	GBEO-COHO	8.0	L	A	B	S4	1650	
6J7	6.3	GBOO-CDHE	3.0	L	F	A	S4	750	CAP = G.
6J8	6.3	GBOF-CDHE	3.0	F	E	A	S4	550	HEPTODE SECTION. CAP = G.
6J8	6.3	GBEO-FOHO	0.0	F	A	A	S4	1000	TRIODE SECTION.
6JA8	6.3	DEGO-JHFO	1.2	G	G	C	S4	8000	TETRODE SECTION.
6JA8	6.3	DEBO-COAO	2.0	K	A	B	S4	2500	TRIODE SECTION.
6K4	6.3	CDBO-AOEO	7.8	K	A	B	S4	2200	
6K7	6.3	GBOO-CDHE	3.0	L	F	A	S4	900	CAP = G.
6K8	6.3	GBOF-CDHE	3.0	F	D	A	S4	350	HEXODE SECTION. CAP = G.
6K8	6.3	GBEO-FOHO	4.0	F	A	A	S4	1100	TRIODE SECTION.
6KS8	6.3	DEGO-JHFO	3.7	H	H	C	S4	6000	PENTODE SECTION.
6KS8	6.3	DEBO-COAO	2.0	K	A	B	S4	2500	TRIODE SECTION.
6L4	6.3	FABO-COGO	1.4	E	A	B	S4	4000	
6L5	6.3	GBEO-COHO	9.0	L	A	A	S4	1200	
6L7	6.3	GBOO-CDHE	3.0	L	F	A	S4	750	CAP GRID. CAP = G.
6L7	6.3	GBEO-CDHA	10.0	L	F	A	S4	450	PIN GRID. CAP = K.
6N4	6.3	DCAO-EOBO	3.5	J	A	B	S4	3800	
6N7	6.3	GBED-FCHO	5.0	L	A	B	S4	2000	NOTE 5. DUAL TRIODE.
6N8	6.3	DEBO-FACJ	2.0	L	E	A	S4	1400	PENTODE SECTION.
6N8	6.3	DEOO-GHCJ	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE.
6P5	6.3	GBEO-COHO	13.5	L	A	A	S4	900	
6Q4	6.3	DEAO-JOCO	1.5	L	A	C	S4	7500	
6Q5	6.3	GBEO-COHO	---	A	F	F	S2	1500	NOTE 6. SET LOAD AT 80 FIRES ABOUT 17V. READ ON 3000 SCALE.
6Q7	6.3	GBOO-COHA	3.0	L	A	A	S4	750	TRIODE SECTION. CAP = G.
6Q7	6.3	GBOO-EDHC	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
6R7	6.3	GBOO-COHA	9.0	L	A	A	S4	1200	TRIODE SECTION. CAP = G.
6R7	6.3	GBOO-EDHC	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
6R8	6.3	DEHO-JOGB	9.0	L	A	A	S4	1200	TRIODE SECTION.
6R8	6.3	DEOO-AFGH	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE.
6R8	6.3	DEOO-BOCJ	0.0	B	A	B	S1	5000	DIODE NO. 3
6S7	6.3	GBOO-CDHE	3.0	L	F	A	S4	1100	CAP = G.
6S8	6.3	GHOO-FOBO	2.0	L	A	A	S4	700	TRIODE SECTION. CAP = G.
6S8	6.3	GHOO-CDEB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
6S8	6.3	GHOO-AOBO	0.0	B	A	B	S1	5000	DIODE NO. 3. READ 0-10000 SCALE.
6SA7	6.3	GBHO-CDFE	0.0	F	D	A	S4	400	AMPL. SECTION. JUMPER FROM PIN NO. 1 OF ANY SOCKET TO 'K'.
6SA7	6.3	GBEA-DCFH	0.0	F	F	B	S4	1800	OSC. SECTION.
6SB7	6.3	GBHO-CDFE	0.0	F	D	B	S4	2300	AMPL. SECTION. JUMPER FROM PIN NO. 1 OF ANY SOCKET TO 'K'.
6SB7	6.3	GBEA-DCFH	0.0	F	F	C	S4	5500	OSC. SECTION.
6SC7	6.3	GHDC-EBFO	2.0	L	A	A	S4	800	NOTE 5. DUAL TRIODE.
6SD7	6.3	GBDO-HFEC	2.0	L	G	B	S4	2700	
6SF5	6.3	GHCO-EOBA	2.0	L	A	A	S4	950	
6SF7	6.3	GHBO-FOCA	1.0	L	F	A	S4	1300	PENTODE SECTION.
6SF7	6.3	GHOO-EDCF	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
6SG7	6.3	GBDO-HFEA	2.5	L	H	B	S4	2500	
6SH7	6.3	GBDO-HFEA	1.0	L	H	B	S4	3100	
6SJ7	6.3	GBDA-HFEC	3.0	L	F	A	S4	1050	
6SK7	6.3	GBDO-HFEC	3.0	L	F	A	S4	1250	
6SL7	6.3	GHDA-EBFC	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
6SQ7	6.3	GHBO-FOCA	2.0	L	A	A	S4	750	TRIODE SECTION.
6SQ7	6.3	GHOO-EDCF	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
6SR7	6.3	GHBO-FOCA	9.0	L	A	A	S4	1200	TRIODE SECTION.
6SR7	6.3	GHOO-EDCF	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
6SS7	6.3	GBDO-HFEC	3.0	L	F	A	S4	1150	
6ST7	6.3	GHBO-FOCA	9.0	L	A	A	S4	1200	TRIODE SECTION.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6ST7	6.3	GHOO-EDCF	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
6SU7	6.3	GHDA-EBFC	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
6SV7	6.3	GHBO-FDCO	1.0	L	H	B	S4	2300	PENTODE SECTION.
6SV7	6.3	GHOO-EOCO	0.0	A	C	F	S2	600	DIODE SECTION. SET LOAD AT 23 READ ON 3000 SCALE.
6U4	6.3	GHOO-EOCO	0.0	A	F	G	S2	5000	SET LOAD AT 19 READ ON 10000 SCALE
6U5	6.3	FACO-ODEO	0.0	L	L	G	S4	----	SHADOW ANGLE =90 DEGREE CONNECT A 1M OHM RESISTOR FROM PIN 2 OF ANY SOCKET TO 'P'.
6U5	6.3	FACO-ODEO	25.0	L	L	G	S4	----	SHADOW ANGLE = 0 DEGREE# CONNECT A 1M OHM RESISTOR FROM PIN 2 OF ANY SOCKET TO 'P'.
6U6	6.3	GBEO-CDHO	1.1	G	G	B	S4	3900	
6V4	6.3	DEOO-GACO	0.0	A	E	G	S2	2500	NOTE 5. DUAL DIODE. SET LOAD AT 30 READ ON 10000 SCALE.
6V8	6.3	DEFO-AOCH	3.0	L	A	A	S4	750	TRIODE SECTION.
6V8	6.3	DEOO-JOCB	0.0	B	A	B	S1	5000	DIODE NO. 1. READ 0-10000 SCALE.
6V8	6.3	DEOO-GBHC	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE.
6Y6	6.3	GBEO-CDHO	12.0	K	G	B	S4	4500	
6ZY5	6.3	GBOO-ECHO	0.0	A	F	G	S2	2300	NOTE 5. DUAL DIODE. SET LOAD AT 55 READ ON 10000 SCALE.
7A4	6.3	HAFO-BOGO	8.0	L	A	B	S4	1650	
7A5	6.3	HAFO-BCGO	9.0	G	G	B	S4	3500	
7A6	6.3	HAOO-FCGB	0.0	A	F	G	S2	2500	NOTE 5. DUAL DIODE. SET LOAD AT 55 READ ON 10000 SCALE.
7A7	6.3	HAFO-BCGD	3.0	L	F	A	S4	1250	
7A8	6.3	HAFO-BEGD	4.4	F	D	A	S4	300	AMPL. SECTION. JUMPER FROM PIN NO. 1 OF ANY SOCKET TO 'K'.
7A8	6.3	HADB-CEGF	0.0	J	F	A	S4	900	OSC. SECTION.
7AD7	6.3	HAFO-BCGD	2.4	M	H	C	S4	6000	
7AF7	6.3	HAED-FCGB	10.0	L	A	B	S4	1450	NOTE 5. DUAL TRIODE.
7AG7	6.3	HAFO-BCGD	2.0	L	L	B	S4	2600	
7AH7	6.3	HAFO-BCGD	2.2	L	L	B	S4	2100	
7AK7	6.3	HAFO-BCGD	0.0	H	E	B	S4	3500	
7B4	6.3	HAFO-BOGO	2.0	L	A	A	S4	950	
7B7	6.3	HAFO-BCGD	3.0	L	F	A	S4	1100	
7C5	6.3	HAFO-BCGO	12.5	L	L	B	S4	2600	
7C6	6.3	HACO-BOGO	1.0	L	A	A	S4	600	TRIODE SECTION.
7C6	6.3	HAOO-FEGB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
7C7	6.3	HAFO-BCGD	3.0	L	F	A	S4	1000	
7E5	6.3	HBAO-CODO	3.0	J	A	B	S4	1900	
7E6	6.3	HACO-BOGO	9.0	L	A	A	S4	1200	TRIODE SECTION.
7E6	6.3	HAOO-FEGB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
7E7	6.3	HAFO-BEGO	3.0	L	F	A	S4	800	PENTODE SECTION.
7E7	6.3	HAOO-DCGB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
7F7	6.3	HAED-FCGB	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
7F8	6.3	GBHA-FCED	3.0	L	A	B	S4	2100	NOTE 5. DUAL TRIODE.
7G7	6.3	HAFO-BCGD	2.0	L	F	B	S4	2800	
7H7	6.3	HAFO-BCGD	2.4	L	H	B	S4	2500	
7J7	6.3	HAFO-BEGD	3.0	F	E	A	S4	550	HEPTODE SECTION.
7J7	6.3	HAOO-COGO	5.0	H	A	A	S4	950	TRIODE SECTION.
7K7	6.3	HADO-COBO	2.0	L	A	A	S4	1000	TRIODE SECTION.
7K7	6.3	HAOO-EFGO	0.0	B	A	B	S4	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
7L7	6.3	HAFO-BCGD	1.5	L	F	B	S4	1900	
7N7	6.3	HAED-FCGB	8.0	L	A	B	S4	1600	NOTE 5. DUAL TRIODE.
7Q7	6.3	HAFO-BCGD	0.0	F	D	A	S4	500	AMPL. SECTION. JUMPER FROM PIN NO. 5 OF ANY SOCKET TO 'K'.
7Q7	6.3	HADO-COGF	0.0	F	F	B	S4	3300	OSC. SECTION.
7R7	6.3	HAFO-BEGO	1.0	L	F	B	S4	2000	PENTODE SECTION.
7R7	6.3	HAOO-DCGB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS — SEE BACK COVER
7V7	6.3	HAFO-BCGD	2.2	M	H	B	S4	3600	
7W7	6.3	HAFO-BCGE	2.2	M	H	B	S4	3600	
7X6	6.3	HAOO-FCGB	0.0	A	D	G	S2	2800	NOTE 5. DUAL DIODE. SET LOAD AT 12 READ ON 10000 SCALE.
7X7	6.3	HACO-BODO	1.0	L	A	A	S4	950	TRIODE SECTION.
7X7	6.3	HAOO-EFDG	0.0	A	C	F	S2	500	NOTE 5. DUAL DIODE. SET LOAD AT 29 READ ON 3000 SCALE.
7Y4	6.3	HAOO-FCGO	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE. SET LOAD AT 20 READ ON 10000 SCALE.
7Z4	6.3	HAOO-FCGO	0.0	A	H	G	S2	3000	NOTE 5. DUAL DIODE. SET LOAD AT 67 READ ON 10000 SCALE.
8CY7	7.5	DEGO-FOHO	3.0	L	A	A	S4	800	TRIODE NO. 1.
8CY7	7.5	DECO-AOJO	18.5	H	A	B	S4	3400	TRIODE NO. 2.
8HA6	7.5	DEBO-GHAJ	---	H	F	D	S4	12500	BIAS = 33 OHMS.
8HG8	7.5	DEBO-HJCO	1.5	J	H	C	S4	7500	PENTODE SECTION.
8HG8	7.5	DEFO-GOCO	3.0	F	A	B	S4	3750	TRIODE SECTION.
8JE8	7.5	DEGO-JHFO	2.1	L	J	C	S4	7500	PENTODE SECTION.
8JE8	7.5	DEBO-COAO	2.0	K	A	B	S4	2600	TRIODE SECTION.
8JK8	7.5	DEGO-FOHJ	1.0	F	A	B	S4	4300	TRIODE NO. 1.
8JK8	7.5	DEBO-AOCJ	1.1	G	A	C	S4	8000	TRIODE NO. 2.
8JT8	7.5	DEGO-JHFO	1.7	K	F	C	S4	12500	PENTODE SECTION.
8JT8	7.5	DEBO-COAO	2.0	L	A	B	S4	1700	TRIODE SECTION.
8JU8A	7.5	DEOO-HAJB	0.0	A	D	G	S2	3300	NOTE 5. DUAL DIODE. SET LOAD AT 10 READ ON 10000 SCALE.
8JU8A	7.5	DEOO-GBHC	0.0	A	D	G	S2	3300	NOTE 5. DUAL DIODE. SET LOAD AT 10 READ ON 10000 SCALE.
8KS8	7.5	DEGO-JHFO	3.7	H	H	C	S4	6000	PENTODE SECTION.
8KS8	7.5	DEBO-COAO	2.0	K	A	B	S4	2500	TRIODE SECTION.
8LE8	7.5	DEJO-FHCG	2.5	F	F	B	S4	3600	PENTODE NO. 1.
8LE8	7.5	DEJO-AHCB	2.5	F	F	B	S4	3600	PENTODE NO. 2.
8SN7	7.5	GHDA-EBFC	8.0	L	A	B	S4	1700	NOTE 5. DUAL TRIODE.
9BR7	10.0	DEBO-AOCO	2.0	L	A	B	S4	3500	TRIODE SECTION.
9BR7	10.0	DEOO-GFHO	0.0	A	D	F	S2	1100	NOTE 5. DUAL DIODE. SET LOAD AT 53 READ ON 3000 SCALE.
9CL8	10.0	DEJO-FGHO	1.0	G	G	B	S4	3700	TETRODE SECTION.
9CL8	10.0	DEAO-BOCO	1.2	H	A	C	S4	5000	TRIODE SECTION.
9DZ8	10.0	DECO-FGBO	9.2	H	G	B	S4	4700	PENTODE SECTION.
9DZ8	10.0	DEAO-JOHO	1.2	G	A	A	S4	850	TRIODE SECTION.
9U8	10.0	DEBO-FCGO	1.0	G	F	B	S4	3100	PENTODE SECTION.
9U8	10.0	DEJO-AOHO	1.0	H	A	C	S4	5000	TRIODE SECTION.
9X8	10.0	DEGO-JHFA	1.0	G	G	B	S4	3500	PENTODE SECTION.
9X8	10.0	DEBO-COFA	1.0	G	A	B	S4	4100	TRIODE SECTION.
10C8	10.0	DEHO-FGJO	1.6	H	H	C	S4	5000	PENTODE SECTION.
10C8	10.0	DEBO-AOCO	2.8	L	A	B	S4	2800	TRIODE SECTION.
10DA7	10.0	DEGO-FOHO	8.0	L	A	B	S4	1600	TRIODE NO. 1.
10DA7	10.0	DECO-AOJO	17.5	H	A	B	S4	3600	TRIODE NO. 2.
10EB8	10.0	DEGO-JHFO	2.2	K	G	C	S4	8000	PENTODE SECTION.
10EB8	10.0	DEBO-COAO	2.0	L	A	B	S4	1700	TRIODE SECTION.
10EW7	10.0	DEGO-FOHO	11.0	L	A	A	S4	1250	TRIODE NO. 1.
10EW7	10.0	DEBO-AOJO	17.5	H	A	B	S4	4700	TRIODE NO. 2.
10FD7	10.0	DEGO-FOHO	3.0	L	A	A	S4	1000	TRIODE NO. 1.
10FD7	10.0	DEBO-AOJO	17.5	H	A	B	S4	4700	TRIODE NO. 2.
10FR7	10.0	DEGO-FOHO	3.0	L	A	A	S4	1000	TRIODE NO. 1.
10FR7	10.0	DECO-AOJO	20.0	H	A	B	S4	4500	TRIODE NO. 2.
10HA6	10.0	DEBO-GHAJ	---	H	F	D	S4	12500	BIAS = 33 OHMS.
11C5	10.0	DCBO-GFAO	7.5	F	F	B	S4	3600	
12A4	12.6	DEBO-JOAO	9.0	L	A	C	S4	5000	
12A7	12.6	GAOO-BCFE	11.0	G	G	A	S4	600	PENTODE SECTION. CAP = G.
12A7	12.6	GAOO-EODB	0.0	A	E	G	S2	2600	RECT. SECTION. SET LOAD AT 30 READ ON 10000 SCALE.
12A8	12.6	GBOO-CDHE	1.5	F	D	A	S4	900	PENTODE SECTION. CAP = G.
12A8	12.6	GBEC-FDHO	1.0	F	D	A	S4	750	CAP = K. OSC. SECTION.
12AB5	12.6	DECO-JAGO	12.5	L	L	B	S4	2600	
12AC6	12.6	DCBO-FEGA	1.0	B	B	A	S4	450	

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
12DS7	12.6	DEGO-FCHO	1.0	B	B	C	S4	6000	TETRODE SECTION.
12DS7	12.6	DEOO-JAHO	0.0	B	A	B	S1	8500	NOTE 5. DUAL DIODE.
12DU7	12.6	DEAO-FCBO	1.0	B	B	B	S4	3900	TETRODE SECTION.
12DU7	12.6	DEOO-JGBO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12DV7	12.6	DEGO-FOHO	1.0	B	A	A	S4	450	TRIODE SECTION.
12DV7	12.6	DEOO-CBAO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12DV8	12.6	DEHO-FCBO	1.1	B	B	C	S4	6000	TETRODE SECTION.
12DV8	12.6	DEOO-JAGO	0.0	C	A	C	S1	13500	NOTE 5. DUAL DIODE.
12DW5	12.6	DECO-JAGO	22.5	K	H	B	S4	3500	
12DW8	12.6	DEGO-FOHO	1.0	B	A	B	S4	1700	TRIODE NO. 1.
12DW8	12.6	DEHO-AOCO	1.0	B	A	B	S4	4100	TRIODE NO. 2.
12DW8	12.6	DEOO-JOHO	0.0	A	F	G	S2	2200	DIODE SECTION. SET LOAD AT 40 READ ON 10000 SCALE.
12DY8	12.6	DEAO-FCBO	1.0	B	B	B	S4	3800	TETRODE SECTION.
12DY8	12.6	DEJO-HOGO	1.0	B	A	A	S4	1250	TRIODE SECTION.
12DZ6	12.6	DCAO-EFGB	1.0	B	B	B	S4	2400	
12DZ8	12.6	DECO-FGBO	9.2	H	G	B	S4	4700	PENTODE SECTION.
12DZ8	12.6	DEAO-JOHO	1.2	G	A	A	S4	850	TRIODE SECTION.
12EA6	12.6	DCAO-EFGB	1.0	B	B	B	S4	2400	
12EC8	12.6	DEJO-FGHO	1.0	B	B	A	S4	1250	PENTODE SECTION.
12EC8	12.6	DEAO-BOCO	1.0	B	A	B	S4	2900	TRIODE SECTION.
12ED5	12.6	CDBO-GFAO	4.5	G	G	C	S4	5300	
12EG6	12.6	DCAO-FOBO	1.0	B	B	A	S4	500	
12EH5	12.6	DCBO-GFAO	3.3	G	G	C	S4	9000	
12EK6	12.6	DCAO-EFGB	1.0	B	B	B	S4	2600	
12EL6	12.6	DCAO-BOGO	0.5	B	A	A	S4	750	TRIODE SECTION.
12EL6	12.6	DCOO-EFGO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12EM6	12.6	DEAO-FCBO	1.0	B	B	B	S4	3100	TETRODE SECTION.
12EM6	12.6	DEOO-JOBO	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
12EN6	12.6	GBEO-CDHO	7.5	K	F	C	S4	5000	
12EQ7	12.6	DEBO-GFCA	1.0	F	F	B	S4	2400	PENTODE SECTION.
12EQ7	12.6	DEOO-HOCO	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
12EZ6	12.6	DCAO-EFGB	0.5	B	B	B	S4	1700	
12F8	12.6	DEHO-CBGJ	0.5	B	B	A	S4	600	PENTODE SECTION.
12F8	12.6	DEOO-FAGO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12FK6	12.6	DCAO-GOBO	1.0	B	A	A	S4	750	TRIODE SECTION.
12FK6	12.6	DCOO-FEBO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12FM6	12.6	DCAO-GOBO	1.0	B	A	A	S4	800	TRIODE SECTION.
12FM6	12.6	DCOO-FEBO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12FR8	12.6	DECO-GFOO	1.0	B	B	B	S4	1700	NOTE 3. PENTODE SECTION.
12FR8	12.6	DEAO-JOBO	1.0	B	A	A	S4	750	TRIODE SECTION.
12FR8	12.6	DEOO-HOBO	0.0	B	A	B	S4	5000	DIODE SECTION. READ 0-10000 SCALE.
12FT6	12.6	DCAO-GOBO	1.0	B	A	A	S4	650	TRIODE SECTION.
12FT6	12.6	DCOO-FEBO	0.0	B	A	B	S1	6200	NOTE 5. DUAL DIODE.
12FV7	12.6	DEGB-FAHC	2.0	F	A	C	S4	6000	NOTE 5. DUAL TRIODE.
12FX8	12.6	DEJO-CAGB	0.0	B	B	A	S4	550	AMPL. SECTION.
12FX8	12.6	DEBO-ACGJ	0.0	B	B	B	S4	2200	OSC. SECTION.
12FX8	12.6	DEFO-HOOO	1.0	B	A	A	S4	900	NOTE 3. TRIODE SECTION.
12G4	12.6	DCFO-AOGO	8.0	L	A	B	S4	1600	
12G8	12.6	DEHO-FOGO	2.6	B	A	A	S4	1600	TRIODE NO. 1.
12G8	12.6	DECO-AOBO	0.8	B	A	A	S4	1600	TRIODE NO. 2.
12GA6	12.6	DCGO-EFBA	1.0	B	B	A	S4	400	AMPL. SECTION.
12GA6	12.6	DCAO-FEBG	0.0	B	B	A	S4	1500	OSC. SECTION.
12H6	12.6	GBOO-ECHD	0.0	A	F	G	S2	2500	NOTE 5. DUAL DIODE. SET LOAD AT 55 READ ON 10000 SCALE.
12J5	12.6	GBEO-COHO	8.0	L	A	A	S4	1650	
12J7	12.6	GBOO-CDHE	3.0	L	F	A	S4	750	CAP = G.
12J8	12.6	DEAO-FCBO	1.0	B	B	B	S4	3400	TETRODE SECTION.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
12J8	12.6	DE00-J0G0	0.0	A	C	F	S2	500	DIODE NO. 1. SET LOAD AT 29 READ ON 3000 SCALE.
12J8	12.6	DE00-H0G0	0.0	A	D	F	S2	2300	DIODE NO. 2. SET LOAD AT 13 READ ON 3000 SCALE.
12K7	12.6	GB00-CDHE	3.0	L	G	A	S4	900	CAP = G.
12KL8	12.6	DEB0-GFCA	1.0	F	F	B	S4	2700	PENTODE SECTION.
12KL8	12.6	DE00-H0C0	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
12L6	12.6	GBE0-CDH0	8.7	K	G	C	S4	5000	
12L8	12.6	GFA0-HEBC	9.0	J	J	A	S4	1350	PENTODE NO. 1.
12L8	12.6	GFC0-DEBA	9.0	J	J	A	S4	1350	PENTODE NO. 2.
12Q7	12.6	GB00-C0HA	3.0	L	A	A	S4	750	TRIODE SECTION. CAP = G.
12Q7	12.6	GB00-EDHC	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12R5	12.6	DCB0-GFA0	7.0	F	F	B	S4	4400	
12S8	12.6	GH00-F0B0	2.0	L	A	A	S4	700	TRIODE SECTION. CAP = G.
12S8	12.6	GH00-CDEB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12S8	12.6	GH00-A0B0	0.0	B	A	B	S1	5000	DIODE NO. 3. READ 0-10000 SCALE.
12SA7	12.6	GBEA-DCFH	0.0	F	F	B	S4	1800	OSC. SECTION.
12SA7	12.6	GBH0-CDFE	0.0	F	D	A	S4	400	AMPL. SECTION. JUMPER FROM PIN NO. 1 OF ANY SOCKET TO 'K'.
12SC7	12.6	GH0C-EBF0	2.0	L	A	A	S4	800	NOTE 5. DUAL TRIODE.
12SF5	12.6	GHC0-E0BA	2.0	L	A	A	S4	950	
12SF7	12.6	GHB0-F0CA	1.0	L	F	A	S4	1300	PENTODE SECTION.
12SF7	12.6	GH00-E0CF	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
12SG7	12.6	GBD0-HFEA	2.5	L	H	B	S4	2500	
12SH7	12.6	GBD0-HFEA	1.0	L	H	B	S4	3100	
12SJ7	12.6	GBDA-HFEC	3.0	L	F	A	S4	1050	
12SK7	12.6	GBD0-HFEC	3.0	L	F	A	S4	1250	
12SL7	12.6	GHDA-EBFC	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
12SQ7	12.6	GHB0-F0CA	2.0	L	A	A	S4	750	TRIODE SECTION.
12SQ7	12.6	GH00-EDCF	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12SR7	12.6	GH80-F0CA	9.0	L	A	A	S4	1200	TRIODE SECTION.
12SR7	12.6	GH00-EDCF	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 RANGE.
12U7	12.6	DEGB-FAHC	0.5	B	A	A	S4	1000	NOTE 5. DUAL TRIODE.
13FR7	12.6	DEG0-F0H0	3.0	L	A	A	S4	1000	TRIODE NO. 1.
13FR7	12.6	DEC0-A0J0	20.0	H	A	B	S4	4500	TRIODE NO. 2.
14A7	12.6	HAF0-BCGD	3.0	L	F	A	S4	1250	
14AF7	12.6	HAE0-FCGB	10.0	L	A	B	S4	1450	NOTE 5. DUAL TRIODE.
14B6	12.6	HAC0-B0G0	2.0	L	A	A	S4	700	TRIODE SECTION.
14B6	12.6	HA00-FEGB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
14B8	12.6	HAF0-BEGD	1.5	F	D	A	S4	900	AMPL. SECTION. JUMPER FROM PIN NO. 3 OF ANY SOCKET TO 'K'.
14B8	12.6	HADB-CEGF	1.0	F	D	A	S4	750	OSC. SECTION.
14C5	12.6	HAF0-BCG0	12.5	L	L	B	S4	2600	
14C7	12.6	HAF0-BCGD	3.0	L	F	A	S4	1000	
14E6	12.6	HAC0-B0G0	9.0	L	A	A	S4	1200	TRIODE SECTION.
14E6	12.6	HA00-FEGB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
14F7	12.6	HAE0-FCGB	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
14F8	12.6	GBHA-FCED	3.0	L	A	B	S4	2100	NOTE 5. DUAL TRIODE.
14H7	12.6	HAF0-BCGD	2.4	L	H	B	S4	2500	
14J7	12.6	HAF0-BEGD	3.0	F	E	A	S4	650	HEPTODE SECTION.
14J7	12.6	HA00-C0G0	5.0	H	A	A	S4	950	TRIODE SECTION.
14N7	12.6	HAE0-FCGB	8.0	L	A	B	S4	1600	NOTE 5. DUAL TRIODE.
14Q7	12.6	HAF0-BCGD	0.0	F	D	A	S4	500	AMPL. SECTION. JUMPER FROM PIN NO. 5 OF ANY SOCKET TO 'K'.
14Q7	12.6	HA00-C0GF	0.0	F	F	B	S4	3300	OSC. SECTION.
14R7	12.6	HAF0-BEG0	1.0	L	F	B	S4	2000	PENTODE SECTION.
14R7	12.6	HA00-DCGB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
14S7	12.6	HAFO-BEGD	2.6	F	F	A	S4	1150	HEPTODE SECTION.
14S7	12.6	HADO-CDGF	0.0	F	A	A	S4	1100	TRIODE SECTION.
14V7	12.6	HAFO-BCGD	2.2	M	H	B	S4	3600	
14W7	12.6	HAFO-BCGE	2.2	M	H	B	S4	3600	
14X7	12.6	HACO-BODO	1.0	L	A	A	S4	950	TRIODE SECTION.
14X7	12.6	HAOO-EFDG	0.0	A	C	F	S2	500	NOTE 5. DUAL DIODE. SET LOAD AT 29 READ ON 3000 SCALE.
14Y4	12.6	HAUO-FCGU	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE. SET LOAD AT 20 READ ON 10000 SCALE.
15A6	12.6	DEBO-GACF	2.9	J	J	C	S4	6000	
15EA7	12.6	GHDO-EOFO	3.0	L	A	A	S4	1400	TRIODE NO. 1. SET 'LINE ADJUST' AT 1400 ON 3000 SCALE.
15EA7	12.6	GHAO-BOCO	25.0	J	A	B	S4	3800	TRIODE NO. 2.
15EW6	12.6	DCAO-EFBG	1.0	H	H	C	S4	8500	
17AV5	17.0	GBAO-EHCO	22.5	L	H	B	S4	3700	
17CA5	17.0	DCEO-GFAO	4.5	G	G	C	S4	5500	
17DQ4	17.0	GHOO-EOCO	0.0	A	J	G	S2	6000	SET LOAD AT 22 READ ON 10000 SCALE
17HC8	17.0	DECO-FGBO	18.0	L	L	B	S4	3200	PENTODE SECTION.
17HC8	17.0	DEAO-JOHO	3.0	L	A	A	S4	1250	TRIODE SECTION.
17JK8	17.0	DEGO-FOHJ	1.0	F	A	B	S4	4300	TRIODE NO. 1.
17JK8	17.0	DEBO-AOCJ	1.1	G	A	C	S4	8000	TRIODE NO. 2.
17L6	17.0	GBEO-CDHO	8.7	K	G	C	S4	5000	
17R5	17.0	DCBO-GFAO	7.0	F	F	B	S4	4400	
18DZ8	17.0	DECO-FGBO	9.2	H	G	B	S4	4700	PENTODE SECTION.
18DZ8	17.0	DEAO-JOHO	1.2	G	A	A	S4	850	TRIODE SECTION.
18HB8	17.0	DEJO-GFHO	6.0	G	G	B	S4	3900	PENTODE SECTION.
18HB8	17.0	DEAO-COBO	1.0	G	A	B	S4	2400	TRIODE SECTION.
19BG6	20.0	GBEO-DHCO	15.0	L	L	B	S4	3800	CAP = P.
19C8	20.0	DEHO-JOGO	1.0	F	A	A	S4	800	TRIODE SECTION.
19C8	20.0	DEOO-FBGC	0.0	A	E	F	S2	2100	NOTE 5. DUAL DIODE. SET LOAD AT 27 READ ON 3000 SCALE.
19C8	20.0	DEOO-AOGO	0.0	A	E	F	S2	2100	DIODE NO. 3. SET LOAD AT 27 READ ON 3000 SCALE.
19DE7	20.0	DEGO-FOHO	11.0	L	A	A	S4	1250	TRIODE NO. 1.
19DE7	20.0	DEBO-AOJO	17.5	H	A	B	S4	4100	TRIODE NO. 2.
19J6	20.0	DCEF-BAGO	1.0	F	A	B	S4	3300	NOTE 5. DUAL TRIODE.
19T8	20.0	DEHO-JOGF	3.0	L	A	A	S4	750	TRIODE SECTION.
19T8	20.0	DEOO-EBGC	0.0	A	D	G	S2	3300	NOTE 5. DUAL DIODE. SET LOAD AT 10 READ ON 10000 SCALE.
19T8	20.0	DEOO-AOGH	0.0	A	D	G	S2	3300	DIODE NO. 3. SET LOAD AT 10 READ ON 10000 SCALE.
19V8	20.0	DEFO-AOCH	3.0	L	A	A	S4	750	TRIODE SECTION.
19V8	20.0	DEOO-JOCB	0.0	B	A	B	S1	5000	DIODE NO. 1. READ 0-10000 SCALE.
19V8	20.0	DEOO-GBHC	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE.
19X3	20.0	DEOO-JOCO	0.0	A	E	G	S2	5500	SET LOAD AT 12. READ ON 10000 SCALE.
19Y3	20.0	DEOO-JOCO	0.0	A	E	G	S2	5500	SET LOAD AT 12 READ ON 10000 SCALE
20EQ7	20.0	DEHO-GFCA	1.0	F	F	B	S4	2400	PENTODE SECTION.
20EQ7	20.0	DEOO-HOCO	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
21A6	20.0	DEBO-OHCJ	23.0	J	J	B	S4	4100	CAP = P.
21EX6	20.0	GBEO-DHCO	30.0	J	J	B	S4	4800	CAP = P.
25A6	25.0	GBEO-CDHO	18.0	H	G	A	S4	1500	
25C6	25.0	GBEO-CDHO	12.0	K	G	B	S4	4500	
25CU6	25.0	GBEO-ODHO	22.5	L	H	B	S4	3700	CAP = P.
25DK4	25.0	CDOO-EOGO	0.0	A	E	G	S2	5500	SET LOAD AT 12 READ ON 10000 SCALE
25DQ6	25.0	GBEO-ODHO	22.5	L	H	B	S4	3800	CAP = P.
25DT5	25.0	DECO-JAGO	16.5	L	L	B	S4	3900	
25W6	25.0	GBEO-CDHO	8.7	K	G	C	S4	5000	
25Z6	25.0	GBOO-ECHO	0.0	A	D	G	S2	2800	NOTE 5. DUAL DIODE. SET LOAD AT 12 READ ON 10000 SCALE.
26A6	25.0	DCAO-EFGB	1.8	L	F	B	S4	2500	
26A7	25.0	GFAO-HEBC	4.5	C	C	B	S4	3600	PENTODE NO. 1.
26A7	25.0	GFCO-DEBA	4.5	C	C	B	S4	3600	PENTODE NO. 2.
26BK6	25.0	DCAO-GOBE	2.0	L	A	A	S4	1000	TRIODE SECTION.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS – SEE BACK COVER
26BK6	25.0	DCOO-FEHG	0.0	C	A	C	S1	10000	NOTE 5. DUAL DIODE. READ 0-30000 SCALE.
26C6	25.0	DCAO-GOBO	9.0	L	A	A	S4	1200	TRIODE SECTION.
26C6	25.0	DCOO-FEBG	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
26D6	25.0	DCGO-EFBA	2.0	L	C	A	S4	300	AMPL. SECTION.
26D6	25.0	DCAO-FEBG	0.0	F	F	B	S4	4500	OSC. SECTION.
26E6	25.0	GBEO-CDHO	13.0	K	G	H	S4	4500	
26Z5W	25.0	DEOO-FAHC	0.0	A	E	G	S2	5000	NOTE 5. DUAL DIODE. SET LOAD AT 11 READ ON 10000 SCALE.
32	2.0	FAOO-BCOO	3.0	J	D	A	S4	400	NOTE 3. CAP = G.
35CD6	35.0	GBEO-OHCO	30.0	J	J	B	S4	4800	CAP = P.
35DZ8	35.0	DECO-FGBO	9.2	H	G	B	S4	4700	PENTODE SECTION.
35DZ8	35.0	DEAO-JOHO	1.2	G	A	A	S4	850	TRIODE SECTION.
35Y4	35.0	HAOO-BOGO	0.0	A	E	G	S2	5500	SET LOAD AT 12 READ ON 10000 SCALE
35Z3	35.0	HAOO-BOGO	0.0	A	E	G	S2	5500	SET LOAD AT 12 READ ON 10000 SCALE
45	2.5	FACO-BOOO	37.0	K	A	A	S4	1300	NOTE 3.
50A5	50.0	HAFO-BCGO	8.7	K	G	C	S4	5000	
50B5	50.0	DCAO-EFBO	8.0	G	F	H	S4	4700	
50BK5	50.0	DECO-AHFO	5.0	L	L	C	S4	5000	
50C6	50.0	GBEO-CDHO	12.0	K	G	H	S4	4500	
50CA5	50.0	DCEO-GFAO	4.5	G	G	C	S4	5500	
50FA5	50.0	DCBO-GFAO	5.4	F	F	H	S4	3600	
50FY8	50.0	DECO-FGBO	13.5	G	G	B	S4	4700	PENTODE SECTION.
50FY8	50.0	DEAO-JOHO	1.5	G	A	H	S4	1250	TRIODE SECTION.
50L6	50.0	GBEO-CDHO	8.7	K	G	C	S4	5000	
50X6	50.0	HAOO-FCGB	0.0	A	E	G	S2	5200	NOTE 5. DUAL DIODE. SET LOAD AT 12 READ ON 10000 SCALE.
50Y7	50.0	GBOO-ECHO	0.0	A	D	G	S2	2800	NOTE 5. DUAL DIODE. SET LOAD AT 12 READ ON 10000 SCALE.
53	2.5	GAEC-FBDO	2.0	H	A	A	S4	1200	NOTE 5. DUAL TRIODE.
55	2.5	FAOO-BOEO	20.0	L	A	A	S4	700	TRIODE SECTION. CAP = G.
55	2.5	FAOO-DCEO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
56	2.5	FACO-BOEO	13.5	L	A	A	S4	900	
57	2.5	FAOO-BCED	3.0	L	F	A	S4	750	CAP = G.
58	2.5	FAOO-BCED	3.0	L	F	A	S4	1000	CAP = G.
59	2.5	GADO-BCFE	18.0	L	L	B	S4	1500	
70L7	75.0	GBEO-CDFO	8.0	F	F	B	S4	4700	PENTODE SECTION.
70L7	75.0	GBOO-HOAC	0.0	A	E	G	S2	3000	RECT. SECTION. SET LOAD AT 25 READ ON 10000 SCALE.
75	6.3	FAOO-BOEO	2.0	L	A	A	S4	700	TRIODE SECTION. CAP = G.
75	6.3	FAOO-DCEB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
76	6.3	FACO-BOEO	13.5	L	A	A	S4	900	
77	6.3	FAOO-BCED	3.0	L	F	A	S4	900	CAP = G.
78	6.3	FAOO-BCED	3.0	L	G	A	S4	1050	CAP = G.
83V	5.0	FAOO-CBOO	0.0	A	D	G	S2	2700	NOTE 5. DUAL DIODE. SET LOAD AT 12 READ ON 10000 SCALE.
84	6.3	FAOO-CBEO	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE. SET LOAD AT 20 READ ON 10000 SCALE.
89/89Y	6.3	FAOO-BCED	25.0	L	L	A	S4	1100	CAP = G.
117L7/M7	117.0	GBOO-CEHO	5.2	F	F	B	S4	3300	PENTODE SECTION.
117L7/M7	117.0	GBOO-FOAO	0.0	A	E	G	S2	4600	RECT. SECTION. SET LOAD AT 16 READ ON 10000 SCALE.
117N7	117.0	GBOO-HOOO	0.0	A	E	G	--	4600	RECT. SECTION. SET LOAD AT 16 READ ON 10000 SCALE. HOLD DOWN S2 AND PRESS S7. NOTE 4.
117N7	117.0	GBOO-CEFO	6.0	F	F	B	S4	4500	PENTODE SECTION.
117P7	117.0	GBOO-HOOO	0.0	A	E	G	S2	4600	RECT. SECTION. SET LOAD AT 16 READ ON 10000 SCALE. NOTE 4.
117P7	117.0	GBOO-CEFO	6.0	F	F	B	S4	4500	PENTODE SECTION.
117Z3	117.0	DCOO-EOFO	0.0	A	E	G	S2	3200	SET LOAD AT 25 READ ON 10000 SCALE
117Z6	117.0	GBOO-ECHO	0.0	A	D	G	S2	3400	NOTE 5. DUAL DIODE. SET LOAD AT 10 READ ON 10000 SCALE.

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
X-155	6.3	DEGB-FAHC	1.0	G	A	C	S4	5000	NOTE 5. DUAL TRIODE.
GL502A	6.3	GBEO-COHF	---	A	F	F	S2	2000	SET LOAD AT 80. FIRES ABOUT 2 V. READ ON 3000 SCALE. NOTE 6.
CK502AX	1.1	CEDO-ABOO	1.2	D	D	A	S4	350	NOTE 3.
CK503AX	1.1	CEDO-ABOO	2.0	D	D	A	S4	350	NOTE 3.
CK506AX	1.1	CEDO-ABOO	4.5	D	D	A	S4	300	NOTE 3.
CK512AX	0.6	CEDO-ABOO	2.0	D	D	A	S4	100	NOTE 3.
CK518AX	1.1	CEDO-ABOO	2.0	D	D	A	S4	350	NOTE 3.
CK522AX	1.1	CEDO-ABOO	1.2	D	D	A	S4	400	NOTE 3.
CK523AX	1.1	CEDO-ABOO	1.2	C	C	A	S4	200	NOTE 3.
CK524AX	1.1	CEDO-ABOO	8.0	D	D	A	S4	150	NOTE 3.
CK525AX	1.1	CEDO-ABOO	1.2	C	C	A	S4	200	NOTE 3.
CK526AX	1.1	CEDO-ABOO	1.5	C	C	A	S4	250	NOTE 3.
CK527AX	1.1	CEDO-ABOO	0.0	C	C	A	S4	150	NOTE 3.
CK528AX	1.1	CEDO-ABOO	1.2	D	D	A	S4	350	NOTE 3.
CK529AX	1.1	CEDO-ABOO	2.5	C	C	A	S4	200	NOTE 3.
CK533AX	1.1	CEDO-ABOO	0.0	C	C	A	S4	300	NOTE 3.
CK535AX	1.1	CEDO-ABOO	2.5	C	C	A	S4	200	NOTE 3.
CK536AX	1.1	CEDO-ABOO	0.0	C	C	A	S4	300	NOTE 3.
CK541DX	1.1	CEDO-ABOO	0.0	C	C	A	S4	300	NOTE 3.
CK542DX	1.1	CEDO-ABOO	2.0	C	C	A	S4	200	NOTE 3.
CK543DX	0.6	CEDO-BAOO	0.5	B	B	A	S1	900	NOTE 3.
CK544DX	1.1	CEDO-ABOO	0.6	D	D	A	S4	300	NOTE 3.
CK546DX	1.1	CEDO-ABOO	0.0	C	C	A	S4	250	NOTE 3.
GL546	6.3	DCAO-GEBO	---	A	E	F	S2	1300	NOTE 6. SET LOAD AT 61. FIRES ABOUT 0.5 V. READ ON 3000 SCALE.
CK547DX	1.1	CEDO-ABOO	1.2	D	D	A	S4	200	NOTE 3.
CK548DX	1.1	CEDO-ABOO	1.4	C	C	A	S4	200	NOTE 3.
CK569AX	1.1	ECDO-ABOO	0.0	E	D	A	S4	600	NOTE 3.
CK578AX	1.1	CEDO-ABOO	6.0	F	F	A	S4	1200	NOTE 3.
629	3.0	FACO-BOEO	---	A	H	G	S2	2500	NOTE 6. SET LOAD AT 65. FIRES ABOUT 1 V. READ ON 10000 SCALE.
801A	7.5	FACO-BOOO	9.0	M	A	A	S4	1050	NOTE 3.
802	6.3	GADO-OCFE	9.0	M	H	A	S4	1400	CAP = P.
807	6.3	FACO-OBEO	14.0	L	L	B	S4	3800	CAP = P.
809	6.3	FACO-OOOO	0.0	M	A	B	S4	1650	NOTE 3. CAP = P.
811A	6.3	FACO-OOOO	0.0	M	A	A	S4	1500	NOTE 3. CAP = P.
812	6.3	FACO-OOOO	2.0	M	A	B	S4	2300	NOTE 3. CAP = P.
815	6.3	HEGO-ODCB	10.0	G	G	B	S4	2500	PENTODE NO. 1. LEFT CAP = P.
815	6.3	AEBO-ODCG	10.0	G	G	B	S4	2500	PENTODE NO. 2. RIGHT CAP = P.
816	2.5	FAOO-OOOO	0.0	A	J	G	S2	6000	CAP = P. SET LOAD AT 26 READ ON 10000 SCALE.
836	4.3	DAOO-OOOO	0.0	A	E	G	S2	5000	CAP = P. SET LOAD AT 11 READ ON 10000 SCALE.
837	12.6	GADO-OCFE	20.0	M	K	B	S4	2000	CAP = P.
841	7.5	FACO-BOOO	15.0	M	A	A	S4	300	NOTE 3.
842	7.5	FACO-BOOO	40.0	K	A	A	S4	650	NOTE 3.
843	2.5	FACO-BOEO	26.0	M	A	A	S4	1000	
864	1.1	FACO-BOOO	18.0	H	A	A	S4	300	NOTE 3.
865	7.5	FACO-OBOO	0.0	M	H	A	S4	350	CAP = P.
879	2.5	FAOO-OOOO	0.0	A	D	E	S2	22000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
950	2.0	FACO-BEOO	15.0	H	G	A	S4	600	NOTE 3.
951	2.0	FAOO-BCOO	3.0	J	D	A	S4	400	NOTE 3. CAP = G.
954	6.3	FAHO-OCGO	3.0	L	F	A	S4	850	CAP = P.
955	6.3	FADO-COGO	7.0	L	A	A	S4	1400	
956	6.3	FAHO-OCGO	3.0	L	F	A	S4	1150	CAP = P.
957	1.1	FADO-COOO	5.0	G	A	A	S4	450	NOTE 3.
958	1.1	FADO-COOO	7.0	G	A	A	S4	800	NOTE 3.
959	1.1	FAHO-OCOO	3.0	H	E	A	S4	350	NOTE 3. TOP PIN = P.
CK1042	OFF	OOOO-AOEO	0.0	A	L	F	S2	500	PLACE A 6.8 K OHM, 1 WATT RESISTOR ACROSS THE SELF BIAS JACK. SET LOAD AT 26. READ ON 3000 SCALE.
1201	6.3	HBAO-COOO	3.0	J	A	B	S4	1900	

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS — SEE BACK COVER
1203	6.3	HAOO-DOGO	0.0	A	D	E	S2	15000	SET LOAD AT 26. PLACE A 10 K OHM, 1 WATT RESISTOR ACROSS THE SELF BIAS JACK. READ ON 60000 SCALE.
1204	6.3	GBEO-CADO	2.0	L	F	A	S4	1100	
1216	6.3	DCEF-BAGO	2.2	F	A	B	S4	2300	NOTE 5. DUAL TRIODE.
1229	2.0	FAOO-BCOO	3.0	J	D	A	S4	400	NOTE 3. CAP = G.
1230	2.0	FACO-BOOO	13.5	J	A	A	S4	550	NOTE 3.
1231	6.3	HAFO-BCGD	2.0	M	H	B	S4	3500	
1232	6.3	HAFO-BCGD	2.0	L	F	B	S4	2800	
1237	2.5	GBOO-CFOO	0.0	A	B	E	S2	30000	NOTE 5. DUAL DIODE. SET LOAD AT 25 READ ON 60000 SCALE.
1273	6.3	HAFO-BCGD	3.0	L	F	A	S4	1000	
1274	6.3	GBOO-ECHO	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE. SET LOAD AT 20 READ ON 10000 SCALE.
1280	12.6	HAFO-BCGD	3.0	L	F	A	S4	1000	
1284	12.6	HAFO-BCGD	3.0	L	F	A	S4	1250	
1293	1.4	HAFO-BOOO	0.0	F	A	A	S4	950	NOTE 3.
1294	1.4	HAOO-DOGO	0.0	B	A	B	S1	8500	
1299	2.5	HAFO-BCOO	4.5	J	E	A	S4	1500	NOTE 3.
1603	6.3	FAOO-BCEO	3.0	L	F	A	S4	750	CAP = G.
1609	1.1	FACO-BEOO	2.7	G	E	A	S4	500	NOTE 3.
1612	6.3	GBOO-CDHE	3.0	L	F	A	S4	750	CAP GRID. CAP = G.
1612	6.3	GBEO-CDHA	10.0	L	F	A	S4	450	PIN GRID. CAP = K.
1613	6.3	GHEO-CDHA	16.5	L	L	B	S4	1550	
1614	6.3	GBEO-CDHA	14.0	L	L	B	S4	3800	
1619	2.5	GBEO-CDOH	13.0	M	M	B	S4	2800	NOTES 3 & 4.
1620	6.3	GBOO-CDHE	3.0	L	F	A	S4	750	CAP = G.
1621	6.3	GBEO-CDHA	16.5	L	L	B	S4	1550	
1622	6.3	GBEO-CDHA	14.0	L	L	B	S4	3800	
1623	6.3	FACO-OOOO	0.0	M	A	B	S4	1650	NOTE 3. CAP = P.
1624	2.5	FACO-OBOO	5.0	L	L	B	S4	2500	NOTE 3. CAP = P.
1631	12.6	GBEO-CDHA	14.0	L	L	B	S4	3800	
1632	12.6	GBEO-CDHA	8.0	G	F	B	S4	4700	
1633	25.0	GHDA-EBFC	8.0	L	A	B	S4	1600	NOTE 5. DUAL TRIODE.
1634	12.6	GHDC-EBFA	2.0	L	A	A	S4	800	NOTE 5. DUAL TRIODE.
1635	6.3	GBDE-CFHO	0.0	M	A	A	S4	850	NOTE 5. DUAL TRIODE.
1642	6.3	GADO-ECFB	16.5	L	A	A	S4	850	NOTE 5. DUAL TRIODE. CAP = G.
1644	12.6	GFAO-HEBC	9.0	J	J	A	S4	1350	PENTODE NO. 1.
1644	12.6	GFCO-DEBA	9.0	J	J	A	S4	1350	PENTODE NO. 2.
1658	2.0	FACO-BOOO	13.5	J	A	A	S4	550	NOTE 3.
1659	2.5	FAOO-BOEO	2.0	L	A	A	S4	700	CAP = G. TRIODE SECTION.
1659	2.5	FAOO-DCEB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ ON 10000 SCALE.
1851	6.3	GBOO-CDHE	2.0	M	H	C	S4	5500	CAP = G.
1852	6.3	GBDO-HFEC	2.0	M	H	C	S4	5500	
1853	6.3	GBDO-HFEC	3.0	M	K	B	S4	3100	
5516	6.3	GBEO-OCAO	19.0	M	L	B	S4	1900	NOTE 3. CAP = P.
5556	4.3	FACO-BOOO	25.0	M	A	A	S4	600	NOTE 3.
5610	6.3	DCFO-AOBO	1.5	E	A	B	S4	2500	
5618	6.3	AGFO-BCDO	8.0	L	E	B	S4	2300	NOTES 3 & 4.
5633	6.3	DFCO-OEAB	1.4	F	F	B	S4	2100	TOP LEAD = P.
5634	6.3	DFCO-OEAB	1.3	F	F	B	S4	2200	TOP LEAD = P.
5635	6.3	CFAB-GEHD	1.0	F	A	B	S4	2400	NOTE 5. DUAL TRIODE.
5637	6.3	CDBO-AOEO	1.1	F	A	B	S4	1700	
5638	6.3	DFCO-AEBO	1.6	F	F	B	S4	2100	
5639	6.3	CFAO-EGBO	2.5	L	F	C	S4	5500	
5640	6.3	CFAO-EGHO	9.0	F	F	B	S4	3100	
5641	6.3	CFOO-HOFO	0.0	A	E	G	S2	2600	SET LOAD AT 30 READ ON 10000 SCALE
5645	6.3	ECDO-AOBO	2.8	F	A	B	S4	1700	
5646	6.3	ECDO-AOBO	1.1	F	A	A	S4	1300	
5647	6.3	BCOO-AODO	0.0	A	C	F	S2	1000	SET LOAD AT 21 READ ON 3000 SCALE.
5659	12.6	GBFO-CDHO	12.5	L	L	B	S4	1900	
5660	12.6	GBOO-CFHO	3.0	L	G	A	S4	800	PENTODE SECTION. CAP = G.
5660	12.6	GBOO-EDHC	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
5661	12.6	GBDO-HFEC	3.0	L	F	A	S4	1250	
5662	6.3	DCAO-GOBE	---	A	E	F	S2	1250	NOTE 6. SET LOAD AT 67. FIRES ABOUT 1 V. SHORT ON 1. READ ON 3000 SCALE.
5663	6.3	DCAO-GEBO	---	A	E	F	S2	1300	NOTE 6. SET LOAD AT 61. FIRES ABOUT 0.5 V. READ ON 3000 SCALE.
5679	6.3	HAOO-FCGB	0.0	A	F	G	S2	2500	NOTE 5. DUAL DIODE. SET LOAD AT 55 READ ON 10000 SCALE.
5690	6.3	GFOO-EOHO	0.0	A	E	G	S2	4500	UNIT NO. 1. SET LOAD AT 16 READ ON 10000 SCALE.
5690	6.3	BAOO-CODO	0.0	A	E	G	S2	4500	UNIT NO. 2. SET LOAD AT 16 READ ON 10000 SCALE.
5691	6.3	GHDA-EBFC	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
5692	6.3	GHDA-EBFC	8.0	L	A	B	S4	1700	NOTE 5. DUAL TRIODE.
5693	6.3	GBDA-HFEC	3.0	L	F	A	S4	1050	
5694	6.3	GHDE-CFAH	5.0	L	A	B	S4	1900	NOTE 5. DUAL TRIODE.
5731	6.3	FADO-COGO	7.0	L	A	A	S4	1400	
5732	6.3	GBOO-CBHE	3.0	L	G	A	S4	1050	CAP = G.
5742	4.3	FACO-BOOO	0.0	M	A	A	S4	700	NOTE 3.
5785	1.1	FGOO-AOOO	0.0	A	B	B	S2	2200	SET LOAD AT 39. PLACE A 20 K OHM, 1/2 WATT RESISTOR ACROSS THE SELF BIAS JACK. READ ON 10000 SCALE.
5812	6.3	DCAO-EFOB	24.5	L	L	B	S4	2700	NOTES 3 & 4.
5823	OFF	OOOO-AHGO	0.0	E	E	VR	S4	68V	NOTE 1.JUMPER A 100 K OHM RESISTOR FROM PIN 4 TO PIN 8 OF ANY SOCKET. REG. = 3 VOLTS. FROM 5 TO 25 MA.
5824	25.0	GBEO-CDHO	18.0	G	G	B	S4	3100	
5825	1.4	FAOO-OOOO	0.0	A	G	B	S2	5000	CAP = P. PLACE A 24 K OHM, 1/2 WATT RESISTOR ACROSS THE SELF BIAS JACK. READ ON 10000 SCALE.
5838	12.6	GBOO-ECHA	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE. SET LOAD AT 20 READ ON 10000 SCALE.
5839	25.0	GBOO-ECHO	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE. SET LOAD AT 20 READ ON 10000 SCALE.
5851	2.5	GAHO-CFOO	7.5	G	G	A	S4	1000	NOTE 3.
5854	1.1	CEDO-ABOO	2.0	D	D	A	S4	350	NOTE 3.
5875	1.4	CEDO-ABOO	0.0	E	E	B	S4	1550	NOTE 3.
5879	6.3	DEAO-HGCJ	3.0	L	F	A	S4	650	
5886	1.1	DCGO-ABOO	0.0	B	A	A	S4	100	NOTE 3.
5910	1.4	EGFO-BCOO	0.0	E	E	A	S4	550	NOTE 3.
5967	1.1	DBFC-HAOO	0.0	D	A	A	S4	1250	NOTES 3 & 5. DUAL TRIODE.
5992	6.3	GBEO-CDHO	12.5	L	L	B	S4	2500	
6000	25.0	BGAO-EHCO	15.0	M	K	C	S4	5000	
6007	1.1	CEDO-ABOO	0.2	C	C	A	S4	250	NOTE 3.
6008	0.6	CEDO-ABOO	0.0	C	C	A	S4	100	NOTE 3.
6026	6.3	DEGO-HOCO	2.6	G	A	B	S4	3700	
6029	1.1	BDCO-AOOO	4.0	E	A	A	S4	1250	NOTE 3.
6087	5.0	HBOO-FOOO	0.0	A	G	G	S2	2500	NOTE 5. DUAL DIODE. SET LOAD AT 45 READ ON 10000 SCALE.
6088	1.1	CEDO-ABOO	1.2	D	D	A	S4	400	NOTE 3.
6094	6.3	CEAO-DBHO	12.5	L	L	B	S4	2600	
6099	6.3	DCEF-BAGO	1.1	F	A	B	S4	3300	NOTE 5. DUAL TRIODE.
6100	6.3	DCFO-AOGO	8.5	L	A	A	S4	1400	
6101	6.3	DCEF-BAGO	1.1	F	A	B	S4	3300	NOTE 5. DUAL TRIODE.
6106	5.0	HBOO-FOOO	0.0	A	G	G	S2	2500	NOTE 5. DUAL DIODE. SET LOAD AT 45 READ ON 10000 SCALE.
6113	6.3	GHDA-EBFC	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
6145	6.3	HAFO-BCGD	0.0	H	F	C	S4	6000	
6147	2.5	GAHO-CFOO	7.5	G	G	A	S4	1000	NOTE 3.
6169	6.3	CFAO-BODO	1.0	J	A	B	S4	4100	
6184	6.3	CFOO-BGDE	0.0	A	C	F	S2	500	NOTE 5. DUAL DIODE. SET LOAD AT 29 READ ON 3000 SCALE.
6188	6.3	GHDA-EBFC	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
6355	6.3	ECAO-FDGO	0.0	L	J	G	S4	----	EYE 1 OPEN. EYE 2 CLOSED.
6355	6.3	ECDO-BAGO	0.0	L	J	G	S4	----	EYE 2 OPEN. EYE 1 CLOSED.

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6877	6.3	ECAO-DOHO	12.0	H	A	B	S4	4100	
6888	6.3	GBOO-HFEC	0.0	G	F	B	S4	3800	
6954	6.3	DCAO-EFBG	3.5	H	H	A	S4	1250	
8013A	2.5	FAOO-OOUO	0.0	A	C	B	S2	1500	CAP = P. SET LOAD AT 22. PLACE A 6.8 K OHM, 1 WATT RESISTOR ACROSS THE SELF BIAS JACK. READ ON 3000 SCALE.
8016	1.1	GBOO-OOOO	0.0	A	E	E	S2	10000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
9001	6.3	DCAO-EFGO	3.0	L	F	A	S4	850	
9002	6.3	DCFO-AOGU	7.0	L	A	A	S4	1400	
9003	6.3	DCAO-EFBO	3.0	L	F	A	S4	1100	
9004	6.3	FAOO-COOO	0.0	A	E	F	S2	2000	SET LOAD AT 55 READ ON 3000 SCALE.
9005	4.3	FAOO-OOCO	0.0	A	C	F	S2	500	SET LOAD AT 12 READ ON 3000 SCALE.
9006	6.3	DCOO-AOGO	0.0	A	E	F	S2	1300	SET LOAD AT 67 READ ON 3000 SCALE.

ADAPTERS
for
TUBE TESTERS

As new tube types with new basing arrangements are developed, Hickok makes Adapters to accommodate them. These Adapters consist of the new bases which plug into a socket on your Tube Tester and thus enlarge its scope to the extent of the new basings. This Hickok policy greatly extends the useful life of your Tester. Consult the following list of Adapters with their descriptions to determine which Adapter meets your requirements. Please order by both Model and Code number of the Adapter, as well as indicating the Model and Serial number of the Tube Tester with which the Adapter is to be used. Prices listed below are subject to change without notice.

Model No.	Code No.	Description	Net Price
CA-4	1050-135	Universal Adapter, with sockets for testing Compactron, Novar, 5 and 7-pin Nuvistors, and Ten-Pin (not Decal) tube types. For use with Hickok Tube Testers not equipped with above sockets. Not available for obsolete Tube Testers such as Models 532, 533, 534, 536, 538, 539A, 546, 600, and 605	$59.50
SA-1	1050-94	Subminiature Adapter, with sockets for testing 7-pin inline and 8-pin round tube types on some early units of Models 539B, 539C, 580, 750, 752, 752A, 6000, 6000A, and 6005 Tube Testers that were not supplied with these sockets on their panels, although most of the above Testers are equipped with these sockets. Check your particular Tester before ordering.	$10.80
SA-2	1050-99	Subminiature Adapter, with sockets for testing 7-pin inline and 8-pin round tube types on some early units of Models 533A, 600A, 800, 800A, and 1575 Tube Testers that were not supplied with these sockets on their panels, although most of the above Testers are equipped with these sockets. Check your particular Tester before ordering.	$10.80
SA-3	1050-127	Nuvistor Adapter, for testing 5-pin Nuvistor tube types on all Hickok Tube Testers not supplied with this socket on the panel. NOTE: This socket is also on the CA-4, 1050-135, Universal Adapter. If you have a Universal Adapter, this Nuvistor Adapter is unnecessary.	$10.80
SA-4	1050-144	Novar Adapter, for testing all Novar tube types on all Hickok Tube Testers not supplied with this socket on the panel. NOTE: This socket is also on the CA-4, 1050-135, Universal Adapter. If you have a Universal Adapter, this Novar Adapter is unnecessary.	$10.80
SA-5	1050-129	Rimlock Adapter, for testing Foreign Rimlock tube types on all Hickok Tube Testers.	$16.80
SA-6	1050-107	Septar Adapter, for testing Septar tube types such as 829B, 832A, etc., on all Hickok Tube Testers.	$17.70
SA-7	1050-9	Acorn Adapter, for testing Acorn tube types on all Hickok Tube Testers not supplied with this socket on the panel.	$20.10
SA-8	1050-168	Magnoval Adapter, for testing Magnoval tube types on all Hickok Tube Testers not supplied with this socket. CAUTION: Any attempt to force a Magnoval tube type into a Novar socket (it can be done), will spread the pin contacts in the socket and render it permanently useless for testing Novar tube types.	$10.80
SA-9	1050-121	Pencil Tube Adapter, for testing Pencil tube types on all Hickok Tube Testers.	$11.95
SA-11	1050-177	Decal Adapter, for testing 10-pin Decal tube types on all Hickok Tube Testers not supplied with this socket on panel. The following list of early Hickok Tube Testers also require a CA-4, 1050-135, Universal Adapter be used in conjunction with this Adapter: Models 533A, 539B, 600A, 605A, 750, 752, 800, 1575, 6000, and 6005.	$10.80

NOTATIONS

NOTE 1: (symbol " † " on Roll Chart) Read 0-100 milliamperes with S3 pressed.

NOTE 2: (symbol "★ "on Roll Chart) Approximate starting voltage for voltage regulator tubes.

NOTE 3: (symbol " ⧫ " on Roll Chart) Filament Centering. Press and hold down S4 and S7 while adjusting METER to read zero by means of the red FILAMENT CENTER knob mounted concentrically on the FILAMENT VOLTS switch. Then proceed with test.

NOTE 4: (symbol "✣ " on Roll Chart) Verify shorts by setting first FILAMENT SELECTOR switch to "0".

NOTE 5: (symbol " ⧗"on Roll Chart) Dual Test: For dual section tubes, make normal leakage test first, then repeat leakage test for second section with S6 pressed. Release S6 and proceed with further first section tests using button indicated in PRESS column. For second section tests, press and hold down S6 together with button indicated in the PRESS column.

NOTE 6: (symbol "# " on Roll Chart) Set BIAS VOLTS control to 50 volts; press button indicated in the PRESS column; then decrease bias until tube "fires". Note the firing voltage. Reduce BIAS VOLTS control to zero and take quality reading.